Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
Data File : VX039671.D
Acq On : 08 Jan 2024 19:00
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010824

Quant Time: Jan 09 06:17:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jan 09 06:15:26 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	104	0.00
2	M	Dichlorodifluoromethane	5.068	5.055	0.3	104	0.00
3	M	Chloromethane	5.631	5.467	2.9	100	0.00
4	M	Vinyl Chloride	5.496	5.335	2.9	107	0.00
5	M	Bromomethane	2.626	2.649	-0.9	108	0.00
6	M	Chloroethane	2.501	2.509	-0.3	87	0.00
7	M	Trichlorofluoromethane	7.760	7.382	4.9	101	0.00
8	T	Diethyl Ether	2.904	2.809	3.3	103	0.00
9		1,1,2-Trichlorotrifluoroeth	4.753	4.475	5.8	100	0.00
10	M	1,1-Dichloroethene	4.554	4.419	3.0	100	0.00
11		Methyl Iodide	4.991	4.681	6.2	100	0.00
12		Methyl Acetate	7.335	6.963	5.1	100	0.00
13	M	Acrolein	1.094	0.966	11.7	105	0.00
14	M	Acrylonitrile	3.364	3.300	1.9	102	0.00
15	M	Acetone	1.061	1.009	4.9	101	0.00
16	M	Carbon Disulfide	12.278	11.791	4.0	102	0.00
17		Allyl chloride	8.981	8.340	7.1	98	0.00
18	M	Methylene Chloride	5.324	4.843	9.0	94	0.00
19	M	trans-1,2-Dichloroethene	4.833	4.589	5.0	99	0.00
20	T	Diisopropyl ether	17.529	17.199	1.9	103	0.00
21	M	1,1-Dichloroethane	9.788	9.335	4.6	100	0.00
22	M	cis-1,2-Dichloroethene	5.649	5.287	6.4	98	0.00
23	M	tert-Butyl Alcohol	1.576	1.627	-3.2	102	0.01
24	M	Methyl tert-Butyl Ether	16.693	16.253	2.6	102	0.00
25	M	Chloroform	9.606	9.111	5.2	99	0.00
26		Cyclohexane	8.491	8.090	4.7	100	0.00
27	s	1,2-Dichloroethane-d4	4.703	4.555	3.1	99	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.861	0.834	3.1	102	0.00
30	M	2-Butanone	0.617	0.594	3.7	100	0.00
31		2,2-Dichloropropane	0.957	0.915	4.4	102	0.00
32	M	1,1,1-Trichloroethane	0.995	0.958	3.7	103	0.00
33	M	Carbon Tetrachloride	0.784	0.740	5.6	102	0.00
34	M	Benzene	2.554	2.477	3.0	102	0.00
35		Methacrylonitrile	0.594	0.562	5.4	100	0.00
36	M	1,2-Dichloroethane	1.001	0.950	5.1	103	0.00
37	M	Trichloroethene	0.607	0.573	5.6	100	0.00
38		Methylcyclohexane	1.053	1.000	5.0	100	0.00
39	M	1,2-Dichloropropane	0.688	0.623	9.4	97	0.00
40		Dibromomethane	0.465	0.455	2.2	105	0.00
41	M	Bromodichloromethane	0.861	0.817	5.1	102	0.00
42	M	Vinyl Acetate	2.042	1.977	3.2	101	0.00
43		Ethyl Acetate	1.157	1.110	4.1	98	0.00
44		Isopropyl Acetate	1.789	1.717	4.0	102	0.00
45	T	1,4-Dioxane	0.017	0.017	0.0	103	0.00
46		Methyl methacrylate	0.859	0.830	3.4	100	0.00
47		n-amyl Acetate	1.563	1.513	3.2	101	0.00
48	M	t-1,3-Dichloropropene	0.927	0.886	4.4	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.015	0.964	5.0	102	0.00
50	M	1,1,2-Trichloroethane	0.637	0.617	3.1	101	0.00
51		Ethyl methacrylate	1.064	1.024	3.8	101	0.00
52		1,3-Dichloropropane	1.100	1.060	3.6	103	0.00
53	M	Dibromochloromethane	0.593	0.575	3.0	104	0.00
54	M	1,2-Dibromoethane	0.668	0.650	2.7	103	0.00
55	M	2-Chloroethyl vinyl ether	0.518	0.519	-0.2	106	0.00
56	M	Bromoform	0.399	0.364	8.8	101	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.987	0.988	-0.1	101	0.00
59	M	2-Hexanone	0.799	0.788	1.4	100	0.00
60	S	4-Bromofluorobenzene	0.662	0.660	0.3	99	0.00
61	M	Tetrachloroethene	0.397	0.398	-0.3	106	0.00
62	M	Toluene	2.224	2.224	0.0	103	0.00
63	S	Toluene-d8	1.233	1.261	-2.3	103	0.00
64	M	Chlorobenzene	1.293	1.272	1.6	101	0.00
65		1,1,1,2-Tetrachloroethane	0.460	0.450	2.2	103	0.00
66	M	Ethyl Benzene	2.442	2.437	0.2	103	0.00
67	M	m/p-Xylenes	0.892	0.885	0.8	100	0.00
68	M	o-Xylene	0.896	0.874	2.5	100	0.00
69	M	Styrene	1.432	1.419	0.9	101	0.00
70		Isopropylbenzene	2.364	2.350	0.6	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.908	0.920	-1.3	104	0.00
72		1,2,3-Trichloropropane	0.759	0.750	1.2	102	0.00
73		Bromobenzene	0.522	0.510	2.3	101	0.00
74		n-propylbenzene	2.818	2.802	0.6	103	0.00
75		2-Chlorotoluene	1.751	1.735	0.9	102	0.00
76		1,3,5-Trimethylbenzene	2.019	1.948	3.5	99	0.00
77		t-1,4-Dichloro-2-butene	0.249	0.225	9.6	100	0.00
78		4-Chlorotoluene	1.942	1.913	1.5	101	0.00
79		tert-butylbenzene	1.913	1.892	1.1	100	0.00
80		1,2,4-Trimethylbenzene	2.004	1.983	1.0	101	0.00
81		sec-Butylbenzene	2.459	2.408	2.1	101	0.00
82		p-Isopropyltoluene	1.957	1.902	2.8	101	0.00
83	M	1,3-Dichlorobenzene	0.975	0.950	2.6	101	0.00
84	M	1,4-Dichlorobenzene	0.967	0.920	4.9	100	0.00
85		n-Butylbenzene	1.791	1.699	5.1	101	0.00
86	T	Hexachloroethane	0.335	0.322	3.9	107	0.00
87	M	1,2-Dichlorobenzene	0.977	0.946	3.2	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.217	0.209	3.7	106	0.00
89		1,2,4-Trichlorobenzene	0.551	0.511	7.3	100	0.00
90		Hexachlorobutadiene	0.241	0.223	7.5	98	0.00
91	M	Naphthalene	2.150	2.082	3.2	101	0.00
92		1,2,3-Trichlorobenzene	0.571	0.540	5.4	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0